

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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SHEET 1 of 4

COMPLETE IF KNOWN

Application Number	10/803,126
Confirmation Number	4865
Filing Date	March 17, 2004
First Named Inventor	James Robert Schwartz
Art Unit	1616
Examiner Name	Ernst V. Arnold
Docket Number	9183M&

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	US-2003/0030042 A1	02-13-2003	Sawada et al.	
	2	US-2003/0215522 A1	11-20-2003	Johnson et al.	
	3	US-2004/0058855 A1	03-25-2004	Schwartz et al.	
	4	US-2004/0191331 A1	09-30-2004	Schwartz et al.	
	5	US-2004/0223941 A1	11-11-2004	Schwartz et al.	
	6	US-2005/0202984 A1	09-15-2005	Schwartz et al.	
	7	US-2006/0024381 A1	02-02-2006	Schwartz et al.	
	8	US-2006/0045861 A1	03-02-2006	Bejger, Thomas P.	
	9	US-2006/0046943 A1	03-02-2006	Erazo-Majewicz, P.	
	10	US-2006/0089342 A1	04-27-2006	Gavin et al.	
	11	US-2007/0128147 A1	06-07-2007	Schwartz et al.	
	12	US-3,326,733	06-20-1967	Colegrove, George	
	13	US-3,958,581	05-25-1976	Abegg et al.	
	14	US-4,235,873	11-25-1980	Packman, Albert M.	
	15	US-4,370,325	01-25-1983	Packman, Albert M.	
	16	US-4,654,213	03-31-1987	Ramirez, Jose E.	
	17	US-5,120,831	06-09-1992	Pickart, Loren R.	
	18	US-5,202,048	04-13-1993	Bartolo et al.	
	19	US-5,246,489	09-21-1993	Farmer, Douglas A.	
	20	US-5,284,649	02-08-1994	Juneja	
	21	US-5,478,501	12-26-1995	Rau, Allen H.	
	22	US-5,580,494	12-03-1996	Sandhu et al.	
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	23	US-5,854,266	12-29-1998	Nelson, John D., Jr.	
	24	US-5,883,085	03-16-1999	Blank et al.	
	25	US-5,965,515	10-12-1999	Rau, Allen H.	
	26	US-6,534,788 B1	03-18-2003	Yeo, Ju-Cheon	
	27	US-6,649,585 B1	11-18-2003	Daute et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
	1	CA-1264671	01-23-1990	Naguib, Fatima		
	2	CA-2132170	03-16-1998	Boussetta, Boubaker		
	3	EP-0589047 B1	06-09-1999	Otsuka Pharmaceutical Co. Ltd.		
	4	EP-0717981 A1	06-26-1996	L'oreal		T
	5	JP-02-271915 A	11-06-1990	Mizusawa Industrial Chem.		T
	6	JP-61-236708 A	10-22-1986	Shiseido Co Ltd.	Abstract Only	
	7	JP-06256689	09-13-1994	Kajima Corp.		T
	8	JP-07-291615 A	11-07-1995	Asahi Glass Co. Ltd.	Abstract Only	
	9	JP-10-338521 A	12-22-1998	Nippon Catalytic Chem Ind.	Abstract Only	
	10	JP-2000-219607 A	08-08-2000	Shiseido Co. Ltd.	Abstract Only	
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	11	JP-2002	515414	T	05-28-2002	Boots Co. Ltd. et al.	Abstract Only	
	12	JP-2003	503333	T	01-28-2003	Procter & Gamble et al.	Abstract Only	
	13	JP-60	174707	A	09-09-1985	Kanebo Co Ltd.		T
	14	JP-6	9352		01-18-1994	Amway Corp.	Abstract Only	
	15	JPA-10	328280		12-15-1998	Lion Corp.		T
	16	JPA-11	228368		08-24-1999	Sunstar Inc.		T
	17	JPA-11	509220		08-17-1999	Unilever PLC	Abstract Only	
	18	JPA-2005	524690		08-18-2005	The Procter & Gamble Company	Abstract Only	
	19	JPA-07	053369		02-28-1995	Otsuka Pharma Co. Ltd.	Abstract Only	
	20	KR-1997	010124		03-24-1997	LG Chemical Ltd.		T
	21	RO-87800	A		08-17-1983	Miraj Intr Prod	Abstract Only	
	22	WO-95/34524	A1		12-21-1995	Exxon Chemical Patents Inc.		
	23	WO-96/10387	A2		04-11-1996	Barton, Stephen		
	24	WO-98/06260	A1		02-19-1998	Capelli, Christopher		
	25	WO-99/21568	A1		05-06-1999	Winthrop U. Hospital		
	26	WO-00/06107	A1		02-10-2000	Procter & Gamble		
	27	WO-2001/051418	A1		07-19-2001	Mizusawa Industrial Chem.	Abstract Only	
	28	WO-02/030367	A2		04-18-2002	The Procter & Gamble Company		
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First Named Inventor	James Robert Schwartz
Group Art Unit	1616
Examiner Name	Ernst V. Arnold
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NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	BENNETT, E.O. ET AL, "The Effects of Metals Upon The Inhibitory Activities of Cutting Fluid Preservatives", International Biodeterioration Bulletin, ISSN 0020-614 18(1) Spring 1982.	
	2	AKIYAMA, HISANORI, ET AL., "Effects of Zinc Oxide on the attachment of Staphylococcus Aureus Strains", Journal of Dermatological Science, 17 (1998) pp. 67-74.	
	3	HWANG, SUNG-HO, ET AL., "Intercalation of Functional Organic Molecules with Pharmaceutial, Cosmecutical and Nutraceutical Functions into Layered Double Hydroxides and Zinc Basic Salts	
	4	LOUER et al., Chemistry of Materials, 1998, 10, 2450-2461.	
	5	KRAVZOV et al.; Journal of Applied Toxicology, 1993, 13(3), 213-216, Abstract Only.	
	6	McMURRAY, JOHN, Organic Chemistry, 2nd Edition, Brooks-Cole Publishing Company, page 1010 (1988).	
	7	KHATTAR, M.M. and SALT, W.G., "Aspects of the Mode of Action of Pyrithione Against Klebsiela Pneumoniae," Journal of Antimicrobial Chemotherapy, 1993, 5(S1), pp. 175-177.	
	8	The Mineral Willemite [online] retrieved from the internet on 11/26/07 retrieved from: http://www.galleries.com/minerals/silicate/willemite/willemite.htm 2 pages.	
	9	Willemite [online] retrieved from the internet http://www.mindat.org/min-4292.html retrieved on 11/26/07; pages 1-16.	
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